8798 - 8859

FOR ALL THE FAMILY

THE SUPERIOR WIREBOUND

Memo Book

A Super Value!

10¢

COMMENDED BY THE CONSUMER SERVICE BUREAU OF PARENTS' MAGAZINE AS ADVERTISED THEREIN

E 1505

8798 - July 29, 1959
Around the summit spring
of Fish Creek, west slope
of the Steens Mts., 9 miles
southeast of Burns, Harney
Co., Oregon. Twp. 33 S., R. 33 E.
Elevation about 8000 ft.

Aconitum columbianum
Nutt.
var. columbianum

U. 569

Aconitum (5)

8799 – July 29, 1959
Rocky ledges above the head of Tiger Creek, just east of the head of McCoy Creek, 90 miles southeast of Burns, Harney Co., Oregon. Twp. 33S., R. 33E., S.1. Elevation 7500 feet

Steens Mts.

Flowers bright blue-lavender

Penstemon davidsonii Greene var. praeteritus Cronq.

Penstemon 4

88 cc - July 29, 1959.
Some plants 8803
Flowers yellow.

Potentilla gracilis Dougl.
var. flabelliformis (Lehm.)
Nutt.

Potentilla (9)

8801 – July 29, 1957.
Rocky ledges and talus slopes overlooking the head of Tiger Creek, just east of the head of McCoy Creek, ~~90 miles southeast~~
Steens Mts. 90 miles southeast of Burns, Harney Co, Oregon.
Twp. 33 S. R. 33 E., S. 1
Elevation about 7500 feet.
Flowers rich pink-purple.

Epilobium adenodatum
Gray

Epilobium adenodatum (20)

8802 - July 29, 1959.
Same place as 8799.
Flowers white. Plants
sweetly aromatic.

Zigadenus nuttallii
(Gray) Euon

Zigadenus (14)

8803 - July 29, 1959
Open, gravelly, basaltic soil along the summit ridge of the Aldous Mts. ~~at~~ above dry head of Tiger Creek, just ~~east~~ of the head of McCoy Creek, 9 miles southeast of Burns, Harney Co., Oregon. T. 23 S., R. 33 E., S. 1. Elevation 9500 ft. Ragweb site

Achillea millefolium L.
ssp. lanulosa (Nutt.) Piper
var. alpicola (Rydb.) Garrett

achillea (9)

8804 - July 29, 1959.
Same place as 8803.
Rays blue-lavender.
A fairly uniform local population here, not directly connected with other varieties of A. foliaceus or ~~with~~ with typical A. occidentalis.

Aster foliaceus Lindl.
var. apricus Gray
(narrow-leaved form)

Aster (15)

6805 - July 29, 1959

Dry pink meadowland just upstream from the last grove of aspens along McCoy Creek, just north of the head of Fish Creek, west slope of the Steens Mts., 85 miles southeast of Burns, Harney Co., Oregon. Elevation about 8000 feet. Twp. 33S, R. 33E., about S. 3. The characteristic thistle of the Steens Mts.

Cirsium peckii Henderson.

Cirsium (5)

6806

C. & H. 8807 - August 3, 1959.
On lava reefs in sagebrush country near the edge of the forest, 8 miles east of Kilgore, Clark Co. Idaho. Twp. 13 N., R. 40 E. Elevation about 6500 feet. Heads yellow.

Solidago nana Nutt.

15

C. J. H. 8808 - August 3, 1959
Swales in sagebrush country 8 miles east of Kilgore, Clark Co., Idaho
Twp. 13 N., R. 40 E. Elevation about 6500 feet

Lupinus holosericeus Nutt.

C. & H. 8809 – August 3, 1959
Same plant as 8807.
Plants 4 dm. tall.
Heads yellow.

Chrysothamnus viscidiflorus
(Hook.) Nutt.
var. lanceolatus (Nutt.) Greene.

C. & H. 8810 - August 4, 1959
Sandy soil in sagebrush
country 7 miles north of
St. Anthony, Fremont
Co., Idaho. Flowers dull
white.

Chaenactis douglasii (Hook.)
H. & A.
var. achilleaefolia (H. & A.) A. Nels.

C. & H. 8811 – August 5, 1957
openings in Abies lasiocarpa
– Pinus contorta forest,
along ridge top 15 miles
northeast of Cokeville,
Lincoln Co., Wyoming.
Twp. 26 N., R. 119 W.
Elevation about 8000 feet.
Heads yellow.

Senecio streptanthifolius Greene
(=S. cymbalarioides Nutt., not Buek.)

C. I H. 8812 - August 5, 1959. In lodgepole pine - alpine fir forest, 15 miles northeast of Cokeville ~~Lincoln~~ Lincoln Co., Wyo. Bracts yellowish

Castilleja sulphurea R ydb.

Castilleja (11)

C. J. H. 8813 - August 5, 1959
Sagebrush hills 7 miles
northwest of Kemmerer,
Lincoln Co., Wyoming.
Twp. 22 N., R. 116° W.
Flowers light yellow.

Eriogonum acaule Nutt.

Eriogonum (5)

C. J H 8814 - August 5, 1959
Sagebrush country
20 miles south of Green
River, Sweetwater Co,
Wyoming. Flaming pink.

Stephanomeria runcinata Nutt

(10)

C. & H. 8815 – August 5, 1959
In gravelly soil along highway 20 miles south of Green River, Sweetwater Co. Wyoming. Local and not abundant.

Halogeton glomeratus.
(Bieb.) C.A. Mey.

Halogeton (5)

C. & H. 8816 - August 6, 1939
Sagebrush - juniper ridgetops
about 8 miles west of
Manila, Dagget Co. Utah
Twp. 3 N. about R. 18 E.
Flowers white to pinkish

Eriogonum microthecum Nutt.

Eriogonum (10)

C.J.H. 8817 - August 6, 1959

Stony point in sagebrush country 10 miles west of Manila, half a mile north of the Utah state line, Sweetwater Co., Wyoming. Twp. 12 N., R. about R. 111 W. Flowers yellow. Growing with E. microthecum Nutt. (#8819), and hybridizing (#8818) with it.

Eriogonum campanulatum Nutt.

Eriogonum (11)

C. & H. 8818

Same place as 8817

With the parents. Flowers on some plants yellow (but paler than in the associated E. campanulatum), on others only faintly ochroleucous.

Putative hybrids and hybrid segregates:

E. microthecum Nutt.

×

E. campanulatum Nutt.

Yellow Evergreen (11)

C. J. H. 8819

Same place as 8817.
Growing with
E. campanulatum Nutt.
(#8817), and hybridizing
(#8818) with it.

Perianth segments white,
with reddish midvein.

white Eriogonum (11)

C. & H. 6620.
Page place as 6617.
Heads yellow.

Nutt.
Machaeranthera grindelicides
(= Haplopappus nuttallii)

8821 - October 27, 1960
Croat & Alfonso Jimenez
Muños. Moist, grassy
slopes and banks not far
below the rim of Volcan
Irazu, Costa Rica.
Stems mostly solitary;
flowers blue
Elevation about 3400 m.

Lobelia irasuensis Planch. & Oerst.
var. irasuensis

Laurentia (6)

8822 - October 27, 1960
Conquist & Alfonso Jimenez
Miños Moist grassy slopes
not far below the summit
of Volcan Irazu, Costa Rica
Elevation about 3400 m.
Epiphyte on Escallonia
poasana.

Elaphoglossum tectum (H. & B.)
Moore

Elaphoglossum (5)

~~8823~~ 8823. October 27, 1960. Cronquist and Alfonso Jimenez Muñoz Moist, grassy slopes not far below the summit of Volcan Irazu, Costa Rica Elevation about ~~3600~~ 3400 meters Trees 10 m. tall, or a bit more. Flowers nondescript in color.

Escallonia poasana Donn.-Sm.

Escallonia (9)

8824 - October 27, 1960
Cronquist and ~~Cliff~~ Alfonso
Jimenez Muñoz. Moist,
bushy slopes not far
below the summit of Volcan
Irazu, Costa Rica.
Elevation about 3400 m.
Shrubs to 2 m. tall, with
stiffly but widely
ascending branches and
soft, beauty wood.
Fruits black

Coriaria thymifolia Humb. &
Bonpl.

Coriaria (6)

8825 - October 27, 1960
Croquiet and Alfonso Jimenez Muñoz
In volcanic scoria and cinders along the rim of Volcan Irazu, Costa Rica.
Elevation ~~about~~ ~~3700~~ 3450 meters
Shrub about 2.5 m. tall.
Flowers pinkish.

Myrtus myricoides HBk., sens. lat.

Myrtus (4)

8826 - October 27, 1960
Cronquist & Alfonso Jimenez
Muñoz. Moist banks just
below the rim of Volcan
Irazu, and less commonly
in scoria and cinders
along the rim - Costa Rica
Bracts red

Castilleja irasuensis Oerst.

✓

Castilleja (2) ✓

8827 - October 27, 1960
Cronquist & Alfonso Jimenez Muños. In scoria and cinders along the rim of Volcan Irazu, Costa Rica. Elevation about 3450 m. Subshrub mostly about 1 dm tall. Flowers white or faintly bluish

Arcytophyllum lavarum K. Schum.

Rubiad ©

8828 - October 27, 1960

Cronquist and ~~alf~~ Alfonso

~~of~~ Jimenez Mueños

In scoria and cinders along the rim of Volcan Irazu, Costa Rica. about 3~~7~~ m. elevation

Shrub 2-4 dm. tall. Flowers whitish; fruit black, insipid

3450 m.

Pernettya coriacea klotszch

Vaccinium (3)

8829 - October 27, 1960
Cronquist & Alfonso Jimenez
Muñas. same place as 8827
Shrub 2-3 m. tall.

Arctostaphylos rubescens
(Bertol.) Hemsl.

Arctostaphylos (2) ✓

8830 - October 27, 1960

Cronquist + Alfonso Jimenez Muños - Plants near Ceuce; flowers white

Halenia aquilegiella Standl. ined. aff.
det. C. K. Allen

Halenia (1)

8831 - November 1, 1960

~~Low, scrambling vine-shrub,~~ ~~not~~ at edge of thicket along a small stream in the mountains about 10 km. east of Turrialba, Costa Rica. Low, scrambling vine-shrub, not much branched. Rays mostly 5, white. Disk-flowers white. Elevation about 700 m. ~~Stem~~ slightly to scarcely ~~winged~~ winged

Verbesina turbacensis HBK.

✓

Composite (5) ✓

8832 - November 1, 1960

Scrambling vine or semi-shrub 2 m. tall in brush along roadside east of Turrialba, Costa Rica. Heads distinct, white. Plants dioecious.

Along the roadside about 12 km. east of Turrialba, Costa Rica. Slender, sparsely branched shrub 2-4 m. tall. Plants dioecious. Flowers white.

Baccharis braunii (Polak.) Standl.

Baccharis-braunii? (6)

8833 - November 1, 1960
In brush along the road
side 17 km. east of Turri-
alba, Costa Rica.
Scrambling vine or
semi-vine. Heads discoid,
white. Pappus of several
(about 7) unequal,
deciduous bristles

Melanthera nivea (L.) Small

Composite 5 6

8834 - November 1, 1968
In brush along the roadside
20 km. east of Turrialba,
Costa Rica. Elevation about
800 m. Slender herb,
becoming a scrambling
vine. Flowers bright red,
with yellow lower lip.

Scutellaria costaricana
~~Wendl~~
Wendl.

Acanth. (4)

8835 - November 2, 1968

Roadside weed with Galinsoga and Bidens, in the mountains about 20 km. west of Turrialba, Costa Rica. Elevation about 1000 m.

Annual, tending to become repent at the base. Rays and disk yellow

Jaegeria hirta (Lag.) Less.

✓

Jaegeria? (10)

✓

✓

8836 – November 2, 1960
In thicket along stream in
mountains about 20 km.
west of Turrialba, Costa
Rica. Scrambling vine
with drooping branches.
Heads yellow. Rays about 5.

Bidens squarrosa HBk.

Bidens squarrosa? (5)

8637 - November 3, 1960

Under scattered oaks on steep, moist, grassy pasture ~~on~~ not far below the summit of Volcan Irazu, Costa Rica. Heads yellow. Outer involucral bracts 4-7, typically 5. Rays about 8.

About 3400 m. elevation

Bidens ostruthioides (DC.) Schultz-Bip.
var. costaricensis (Benth.) Sherff

Bidens ostruthioides (7)

8838 - November 3, 1960

Under scattered oaks in steeps, ~~mid~~ moist, grassy pasture on the slopes of Volcan Irazu, not far below the summit. Costa Rica. Elevation about 3400 m.
Fibrous-rooted perennial. Heads yellow. Spreading outer bracts typically 5, sometimes 6. Rays mostly 8, sometimes up to 11.
Siegesbeckia jorullensis HBK.

Siegesbeckia (6)

8639 - November 3, 1960

On semi-open, grassy, pastured slope not far below the summit of Volcan Irazu, Costa Rica. Elevation about 3400 m. Small tree, about 20 feet tall. Sepals 6. Ripening (but still green) fruits are the size of an olive with a single large seed. The petiole is distally expanded into the thickened hypanthium, the pedicel and pedicel hypanthium bright red.

Phoebe aff P. pittieri Mez
det C.K. Allen.

Lauraceae (8)

8840 - November 7, 1960

In moss-mats and thin soil on rocks along small stream in hills 25 miles east of Punta Arenas, Costa Rica. Flowers blue

Ageratum latifolium Cav.

Ageratum E (4)

8841 - November 7, 1960
In rather sandy soil
amongst low grasses
on broad, low, rocky
(igneous) ridge-top 12
miles southeast of Liberia,
Costa Rica. Annual.
Corolla blue, with paler
center.

Evolvulus filipes Mart.

Filip?

(7)

E 542 - November 10, 1960
Cronquist + Alfonso Jimenez
Muñoz - In sphagnum bog
along the Pan-American
highway in the mountains
south of Cartago, Costa Rica.
Elevation about 2600 m.
Plants rhizomatous, up to
2 m. or more tall. Heads
yellow

Senecio sp. (probably undescribed)

Senecio (4)

8843 - November 10, 1960
Croquet & Alfaro Jimenez
Muñoz - In sphagnum
bog along the Pan-American
highway in the mountains
south~~e~~ of Cartago,
Costa Rica. Elevation
about 2600 m.
Vine with dark red-purple
flowers.

Burmeistera obtusifolia
Wimmer

det. Rogers McVaugh

Centropogon (2)

8844 - November 10, 1960

Cronquist & Alfonso Jimenez Muñoz. In sphagnum bog along the Pan-American highway in the mountains south-~~east~~ of Cartago, Costa Rica Elevation about 2600 m. Scrambling shrub up to 4 m. tall. Flowers white.

Viburnum sp. aff. venustum Morton

Viburnum (2)

8845 - November 10, 1960
Cronquist & Alfonso
Jimenez Muños. Same
place as 8843. Scrambling
shrub to 4 m. tall; flowers
pale perianth

Disterigma humboldtii (klotzsch)
Niedenzu

Disterigma humboldt - (1) ✓

8846 - November 10, 1960

Conquist + Alfonso Jimenez
Muños - ~~Same places~~
~~8843~~. Shrub 1.5-2 m. tall.
Flowers white.

~~Edge~~ Edges of sphagnum
bog - otherwise same place as 8843

Senecio Firmipes Greenm.

Diplostephium (6)

8847 - November 10, 1960
Cronquist + Alfonso Jimenez
Muños. ~~Wet place~~
Moist ground at edge of
Sphagnum bog along the
Pan-American highway in
the mountains south of
Cartago, Costa Rica. Elevation
about 2600 m. Plants
trailing and forming mats.
Flowers white

Laestadia costaricensis Blake
(Probably only a form of
L. lechleri Wedd.)

Laestadia (8) (6)

8848 - November 10, 1960

Conquist + Alfonso Jimenez
Myñas - Same place as 8843
Shrub 1 m. tall. Flowers
blue-purple.

Monnina sp. aff. Xalapensis HBk.

Monnina (3)

8849 - November 10, 1960

Croquist + Alfonso Jimenez Muñoz. ~~[illegible]~~ Paramo on Cerro de las Vueltas, along the Panamerican highway about 90 km. south ~~of~~ Cartago, Costa Rica. Elevation about 3200-3300 m. Flowers whitish - lavender

Valeriana pulchella Mart. + Gal.

Valeriana sorbifolia ~~3~~ (4)

8850 - November 0, 1960
Cronquist & Alfonso Jimenez Muños.
Same place as 8849
Bracts greenish outside, with white edges; white or whitish inside.

Eryngium scaposum Turcz.

(4)

8851 - November 10, 1960
Cronquist & Alfonso Jimenez
Muños. Same place as 8849
Low shrub with yellow
flowers

Chaetolepis cufodontisii Standl.

Melastome (1)

8852 November 10, 1960

Cronquist & Alfonso Jimenez Muñoz. same place as 8849. Shrub 3-4 dm. tall. Bracts white

Gnaphalium lavandulaceum DC.

(5)

8853 - November 10, 1960
Cronquist & Alfonso Jimenez
Muñoz. Same place as 8849
Shrub about 1.5 m. tall.
Corolla blue-lavender;
anthers yellow

Solanum storkii Morton & Standl.

Solanum (3)

8854 - November 10, 1960

Conquist & Alfonso Jimenez Muñoz. Leme Plan 8847

Lycopodium saururus Lam.

Lycopodium saururus (4)

8855 - November 10, 1960
Conquist + Alfonso
Jimenez Muños.
Same Place as 8849.
Bracts pink

Gnaphalium roseum HBK.

Gnaphalium (2)

8856 - November 17, 1960

Cronquist & Arthur T. Semple. Roadside cuts and banks along the Pan-American highway, in the mountains about 35 km. north of ~~Las Lajas~~ San Isidro del General. Coarse, scarcely woody shrub, not much branched, up to 3 m. tall, nearly 1 dm. thick at base. Leaves up to nearly 1 m. long, as also the inflorescence. Hairs of the inflorescence pungent. Flowers lavender.

Elevation about 2600 m.

Wigandia caracasana HBK., sens. lat.

Wilgandia (5)

8857 - November 17, 1960
Crosquist & Arthur T.
Semple. Roadside talus
and banks in the moun-
tains along the Pan American
highway, about 30 km.
north of San Ysidro del
General, Costa Rica.
Elevation about 2400 m.
Short-lived perennial.
Flowers blue or white

Cynoglossum amabile Stapf &
Drumm.

Cynoglossum (3)

8858 - November 17, 1960

Cronquist & Arthur T.
Lemple. Same places as 8857.
annual. Flowers white

Valeriana sorbifolia HBK.

Valeriana (2)

8859. October 27, 1960

Conquist + Alfonso Jiménez Muñoz.

Moist ~~places~~ swales along the rim of Volcan Irazu, Costa Rica

Luzula gigantea Desv.

Juncus (2)